AMENDMENTS TO THE CLAIMS

Please amend claims 5 and 6 as follows:

1. (Original) A method for producing a microarray which comprises a substrate and at least one spot of a sample on a surface of the substrate comprising:

applying droplets of a liquid sample containing a biological substance to a plurality of positions on a surface of a water repellent substrate by using a microarrayer of the ink-jet type having a jet tip, the microarrayer exerting a pressure on the liquid sample contained therein to eject a droplet amount of the liquid sample from the jet tip, to form a spot on the surface of the substrate,

wherein a plurality of the droplets are applied to positions where all the droplets join with one another to form the spot.

2. (Original) The method for producing a microarray according to claim 1, wherein the droplet is applied to a position where the droplet joins with a droplet or a drop consisting of a plurality of droplets that have already been applied to the surface of the substrate.

3. (Original) The method for producing a microarray according to claim 1, wherein the method further comprises:

imaging a square on the surface of the substrate, the square is filled with a plurality of circles, and

applying the droplets to respective positions of the circles.

4. (Original) The method for producing a microarray according to claim 2, wherein the method further comprises:

imaging a square on the surface of the substrate, the square is filled with a plurality of circles, and

applying the droplets to respective positions of the circles.

5. (Currently amended) The method for producing a microarray according to ~~any one of claims 1 to 4~~claim 1, wherein 2 to 100 of the droplets are applied so that the droplets join with one another.

6. (Currently amended) The method for producing a microarray according to claims 5, wherein 4 to 16 of the droplets are applied so that the droplets join with one another.

Please add the following claims:

7. (New) The method for producing a microarray according to claim 2, wherein 2 to 100 of the droplets are applied so that the droplets join with one another.

8. (New) The method for producing a microarray according to claim 3, wherein 2 to 100 of the droplets are applied so that the droplets join with one another.

9. (New) The method for producing a microarray according to claim 4, wherein 2 to 100 of the droplets are applied so that the droplets join with one another.

10. (New) The method for producing a microarray according to claims 7, wherein 4 to 16 of the droplets are applied so that the droplets join with one another.

11. (New) The method for producing a microarray according to claims 8, wherein 4 to 16 of the droplets are applied so that the droplets join with one another.

12. (New) The method for producing a microarray according to claims 9, wherein 4 to 16 of the droplets are applied so that the droplets join with one another.